

I claim:

1. A dishwasher comprising a circulating pump, a washing tank provided with a substantially horizontal filter disposed in the path of the flow of water drawn in by the circulating pump, and spray means capable of directing downwardly at least one rotating water jet, wherein such filter presents a not uniform percentage of open area.
2. A dishwasher according to claim 1, wherein an area of the filter below a circular pattern of the downwardly directed jet presents said percentage of open area lower than the other portions of the filter.
3. A dishwasher according to claim 2, in which said filter is a perforated or punched plate, wherein it presents one central zone and two side zones outside the circular pattern of the downwardly directed jet, such two side zones having a percentage of open area higher than the percentage of open area of the central zone.
4. A dishwasher according to claim 3, wherein said two side zones have a plurality of holes with a pitch lower than the pitch of holes in the central zone of the filter.
5. A dishwasher according to claim 4, wherein said two side zones of the filter present a percentage of open area comprised between 20% and 40%.
6. A dishwasher according to claim 5, wherein the holes of the filter have a diameter comprised between 0.7 and 0.9 mm.

7. A dishwasher according to claim 2, wherein the filter presents a substantially circular zone, corresponding to the circular pattern of the downwardly directed jet, with no hole or perforation.